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Mirror Arrangement for Motor Vehicles

Description

The invention concerns a mirror arrangement for motor vehicles in accord with the generic concept of Claim 1.

Mirrors for motor vehicles, especially outside mirrors, are continually incorporating more electronic components, which serve, for example, for the control of positioning motors, for control display devices, and for sensors and the like. DE 199 04 778 A1 discloses, for example, an outside mirror for commercial vehicles, which, during driving in a curve, automatically compensates it position, so that a dead angle in such cases is avoided. The associated electronic components for this action are enclosed within the mirror housing. Since the outside mirror is exposed to wind and weather, these electronic parts installed in the housing must be especially protected against dampness. For this purpose, the electronic components in question and their wiring are advantageously encapsulated in a waterproof material. That is to say, they are placed in a hermetically sealed encasement. If, in the case of maintenance work, the function of the individual components of the mirror are to be examined, then it becomes necessary to reset the said electronic components and their wiring to certain operational positions or states of circuitry. For this purpose it is necessary; that the electronic components be made accessible, which, in the described case, can only be done with considerable demounting operations.

Electronic control apparatuses have been offered as anti-blocking systems, which are placed in the motor space and which exhibit a diagnostic window with a magnetically sensitive circuit. If a magnet is introduced in this area, then a reset is activated. The area of the diagnostic window, in which the magnet sensitive circuit is to be found, is designated with the legend "RESET".

Using DE 199 04 778 as a starting point, it is the purpose of the present invention to formulate a mirror arrangement for motor vehicles, wherein specific alterations of programs and methods of operation are more easily carried out. It is a further purpose of